

**Abstract**

The present invention relates to a process for the manufacture of a porous polymer, wherein a composition comprising a polymerizable component, a porogen having an inverse temperature dependent solubility and a solvent are polymerized at a temperature around the cloud point temperature of the composition.

The porous polymers obtainable according to the process of the invention are useful, for example, as materials for the manufacture of biomedical devices and prostheses, including ophthalmic devices such as contact lenses or artificial corneas.